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**Homework6\_2**

**Code :**

#include<iostream>

using namespace std;

int main(){

double money = 0.01;

double count = 0.00;

for(int i = 0; i <64 ; i++){

money = money \* 2;

cout << "Day" << i+1 << " King must pay the beggar: "<< money << endl;

count += money;

// cout << count << endl;

if (count >= 1000000)

{

cout << "--------------------------------------------" << endl;

cout << "In Day" << i+1 << " The king will have paid the beggar a total of one million dollars." << endl;

break;

}

}

return 0;

}

//This code is created by Hanlin Cai

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